

ABSTRACT

The present invention provides a chemical resistant epoxy composition comprising epoxy resin of 100 parts by weight and precipitated silica of 5 – 65 parts. We have discovered that the addition of precipitated silica surprisingly improves the chemical resistance property of the epoxy composition substantially. The chemical resistant epoxy composition is highly resistant to chemical attack and can be advantageously used for short or long term direct, total, continuous, or intermittent immersion applications, such as interior and exterior protective coatings, adhesives, encapsulants, or resin-fiber composites.